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4 entries found for **transformation**.

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transformation  
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Main Entry: **trans·for·ma·tion** 4)

Pronunciation: "tran(t)s-f&r-'m&-sh&n, -for-

Function: *noun*

Date: 15th century

1 : an act, process, or instance of transforming or being transformed

2 : false hair worn especially by a woman to replace or supplement natural hair

3 a (1) : the operation of changing (as by rotation or mapping) one configuration or expression into another in accordance with a mathematical rule; *especially* : a change of variables or coordinates in which a function of new variables or coordinates is substituted for each original variable or coordinate (2) : the formula that effects a transformation **b** : FUNCTION 5a **c** : an operation that converts (as by insertion, deletion, or permutation) one grammatical string (as a sentence) into another; *also* : a formal statement of such an operation

4 a : genetic modification of a bacterium by incorporation of free DNA from another ruptured bacterial cell -- compare TRANSDUCTION **b** : genetic modification of a cell by the uptake and incorporation of exogenous DNA

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function[1,noun]	Go
function[2,intransitive verb]	
Bessel function	
circular function	
composite function	
cumulative distribution function	

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Main Entry: **<sup>1</sup>function**

Pronunciation: 'f&[ng] (k)-sh&n

Function: *noun*

Etymology: Latin *function-*, *functio* performance, from *fungi* to perform; probably akin to Sanskrit *bhunkte* he enjoys

Date: 1533

1 : professional or official position : **OCCUPATION**

2 : the action for which a person or thing is specially fitted or used or for which a thing exists : **PURPOSE**

3 : any of a group of related actions contributing to a larger action; *especially* : the normal and specific contribution of a bodily part to the economy of a living organism

4 : an official or formal ceremony or social gathering

5 **a** : a mathematical correspondence that assigns exactly one element of one set to each element of the same or another set **b** : a variable (as a quality, trait, or measurement) that depends on and varies with another <height is a *function* of age>; *also* : **RESULT** <illnesses that are a *function* of stress>

6 : characteristic behavior of a chemical compound due to a particular reactive unit; *also* : **FUNCTIONAL GROUP**

7 : a computer subroutine; *specifically* : one that performs a calculation with variables provided by a program and supplies the program with a single result

- **function-less** /-l&s/ *adjective*

**synonyms** **FUNCTION**, **OFFICE**, **DUTY**, **PROVINCE** mean the acts or